

# **Developing Advanced Automation with Red Hat Ansible Automation Platform (DO374)**

## **Course Outline**

### **Develop Playbooks with Ansible Automation Platform 2**

Develop Ansible Playbooks following recommended practices with Red Hat Ansible Automation Platform 2.

### **Manage Content Collections and Execution Environments**

Run playbooks that use content collections not included in ansible-core, either from an existing execution environment or by downloading them from the automation hub.

### **Run Playbooks with Automation Controller**

Use the automation controller to run playbooks that you developed with automation content navigator.

### **Work with Ansible Configuration Settings**

Examine and adjust the configuration of automation content navigator and the Ansible runner inside execution environments to simplify development and troubleshoot issues.

### **Manage Inventories**

Manage inventories by using advanced features of Ansible.

### **Manage Task Execution**

Control and optimize the execution of tasks by Ansible Playbooks.

### **Transform Data with Filters and Plugins**

Populate, manipulate, and manage data in variables using filters and plugins.

### **Coordinate Rolling Updates**

Use advanced features of Ansible to manage rolling updates in order to minimize downtime and to ensure maintainability and simplicity of Ansible Playbooks.

### **Create Content Collections and Execution Environments**

Write your own Ansible Content Collections, publish them, embed them in a custom execution environment, and run them in playbooks by using the automation controller.